

EU TYPE-EXAMINATION CERTIFICATE (MODULE B) REGULATION (EU) 2016/426

This is to certify that the appliances listed have been examined and found to comply with the essential requirements listed in the **Regulation (EU) 2016/426** of the European Parliament and of the council of 9 March 2016 on appliances burning gaseous fuels (Annex I).

To demonstrate full compliance with the Regulation (EU) 2016/426, a "Conformity to Type" Module C2 or D or E or F is required.

Applicant: Riello S.p.A.
Via Ing. Pilade Riello, 7- 37045 (VR) - Italy

Trademark: RIELLO

Product Type: Central heating combi condensing boiler

Models: START 25 KIS, START 30 KIS, START 15 IS, START 25 IS,
RLT 25 KIS, RLT 30 KIS

Certificate N°: ITS-2575-GAR-212950401-R5

PIN: 2575DM28897

This certificate only relates to those products detailed in the following Test Reports:

Report Number: 200028897UDI-GCE-RCE-R9

Certificate Issue date:

29 Feb 2024

Certificate Expiry date:

26 July 2031

Michael Albert Gandin

Certification Manager
Intertek Italia SpA (NB 2575)



PRD N° 277B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC
Mutual Recognition Agreements



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

PRODUCT DESCRIPTION

| | |
|-------------------------|--|
| PRODUCT TYPE: | Central heating combi condensing boiler |
| MODELS: | START 25 KIS, START 30 KIS, START 25 IS ⁽¹⁾ , RLT 25 KIS, RLT 30 KIS |
| STANDARD(S): | EN 15502-1:2021+AC:2022, EN 15502-1:2022, UNI-TS 11854 |
| SPECIAL REMARKS: | Minimum ambient temperature > 0°C (-15°C with frost protection kit) ⁽¹⁾ = Models designed for heating only but with the possibility of combining a remote storage tank. |
| APPLIANCES TYPE: | B _{23P} , B _{53P} , C ₍₁₀₎ , C ₁₃ , C ₃₃ , C ₄₃ , C ₅₃ , C ₆₃ , C ₈₃ , C ₉₃ , C _{13x} , C _{33x} , C _{43x} , C _{53x} , C _{63x} , C _{83x} , C _{93x} |

The gas categories for which the appliances have been tested can be obtained by combining the following countries and gas groups:

COUNTRIES: AL*, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB*, GR, HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, PL, PT, RO, SE, SI, SK, TR*

* = upon Manufacturer request

GAS GROUP, REFERENCE GAS AND SUPPLY PRESSURES:

| GROUP | REFERENCE GAS | GROUP | REFERENCE GAS | GROUP | REFERENCE GAS |
|-------|----------------------|-------|---------------------|-------|---------------|
| 2H | G20 – 20 mbar | 2ELL | G20/G25 – 20 mbar | 3P | G31 – 30 mbar |
| 2H | G20 – 25 mbar | 2Lw | G27 – 20 mbar | 3P | G31 – 37 mbar |
| 2E | G20 – 20 mbar | 2Ls | G2.350 – 13 mbar | 3P | G31 – 50 mbar |
| 2Esi | G20/G25 – 20/25 mbar | 2M | G230 – 20 mbar | | |
| 2Er | G20/G25 – 20/25 mbar | 2HY20 | G20.2 – 20 mbar (*) | | |
| 2E(R) | G20/G25 – 20/25 mbar | 2EY20 | G20.2 – 20 mbar (*) | | |
| 2E(S) | G20/G25 – 20/25 mbar | | | | |

(*) Y20 – Gas group not yet introduced in EN 437 based on a gas composition of Methan/Hydrogen (CH₄ = 80% / H₂ = 20%)

| | |
|-------------------------|--|
| PRODUCT TYPE: | Central heating combi condensing boiler |
| MODELS: | START 15 IS ⁽¹⁾ |
| STANDARD(S): | EN 15502-1:2021+AC:2022, EN 15502-1:2022, UNI-TS 11854 |
| SPECIAL REMARKS: | Minimum ambient temperature > 0°C (-15°C with frost protection kit) ⁽¹⁾ = Models designed for heating only but with the possibility of combining a remote storage tank. |
| APPLIANCES TYPE: | B _{23P} , B _{53P} , C ₍₁₀₎ , C ₁₃ , C ₃₃ , C ₄₃ , C ₅₃ , C ₆₃ , C ₈₃ , C ₉₃ , C _{13x} , C _{33x} , C _{43x} , C _{53x} , C _{63x} , C _{83x} , C _{93x} |

The gas categories for which the appliances have been tested can be obtained by combining the following countries and gas groups:

COUNTRIES: AL*, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB*, GR, HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, PL, PT, RO, SE, SI, SK, TR*

* = upon Manufacturer request

GAS GROUP, REFERENCE GAS AND SUPPLY PRESSURES:

| GROUP | REFERENCE GAS | GROUP | REFERENCE GAS | GROUP | REFERENCE GAS |
|-------|----------------------|-------|----------------------|-------|---------------|
| 2H | G20 – 20 mbar | 2E(R) | G20/G25 – 20/25 mbar | 3P | G31 – 30 mbar |
| 2H | G20 – 25 mbar | 2E(S) | G20/G25 – 20/25 mbar | 3P | G31 – 37 mbar |
| 2E | G20 – 20 mbar | 2Lw | G27 – 20 mbar | 3P | G31 – 50 mbar |
| 2Esi | G20/G25 – 20/25 mbar | 2Ls | G2.350 – 13 mbar | | |
| 2Er | G20/G25 – 20/25 mbar | 2HY20 | G20.2 – 20 mbar (*) | | |
| 2ELL | G20/G25 – 20 mbar | 2EY20 | G20.2 – 20 mbar (*) | | |

(*) Y20 – Gas group not yet introduced in EN 437 based on a gas composition of Methan/Hydrogen (CH₄ = 80% / H₂ = 20%)

REVISION AND COMMENTS

| DD/MM/YYYY | AMENDED BY | PRJ NO. | REPORT NO. | REASON FOR REVISION |
|------------|-------------|---------|-------------------------|--|
| 27/07/2021 | G. Baiocco | 29504 | 200028897UDI-GCE-RCE-R1 | R0: First issue |
| 28/10/2021 | M.A. Gandin | 31649 | 200028897UDI-GCE-RCE-R2 | R1: Introduction of new model START 15 IS |
| 28/07/2022 | M.A. Gandin | 33875 | 200028897UDI-GCE-RCE-R7 | R2: Introduction of product codes for models START 25 KIS and START 30 KIS with alternative fan motor. |
| 23/01/2023 | M.A. Gandin | 35443 | 200028897UDI-GCE-RCE-R8 | R3: Verification according to EN 15502-1:2021 and introduction of new gas categories |
| 02/02/2023 | M.A. Gandin | 35443 | 200028897UDI-GCE-RCE-R8 | R4: Typo correction |
| 29/02/2024 | M.A. Gandin | 40036 | 200028897UDI-GCE-RCE-R9 | R5: Standard updating and introduction of new models RLT 25 KIS and RLT 30 KIS. |

EC TYPE-EXAMINATION CERTIFICATE (MODULE B) DIRECTIVE 92/42/EEC

This is to certify that, with reference to the Council **Directive 92/42/EEC** of 21 May 1992 on efficiency requirements for new hot-water boilers fired with liquid or gaseous fuels and according to article 4 of commission regulation (EU) No. 813/2013, the appliances listed have achieved the full and part load efficiencies written on Annex 1.

To demonstrate full compliance with the Directive 92/42/EEC, a “Conformity to type” Module C or D or E is required.

Applicant: Riello S.p.A.
Address: Via Ing. Pilade Riello, 7- 37045 (VR) - Italy

Trademark: RIELLO

Product Type: Central heating combi condensing boiler

Models: START 25 KIS, START 30 KIS, START 15 IS, START 25 IS,
RLT 25 KIS, RLT 30 KIS

Certificate N°: ITS-2575-BED-212950401-R2

PIN: 2575DM28897

Standard(s): EN 15502-1:2021+AC:2022, EN 15502-1:2022

This certificate only relates to those products detailed in the following Test Reports:

Report Number: 200028897UDI-GCE-RCE-R9

Certificate Issue date:

27 July 2021

Certificate Revised date:

29 Feb 2024

Michael Albert Gandin

Certification Manager
Intertek Italia SpA (NB 2575)



PRD N° 277B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC
Mutual Recognition Agreements



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

ANNEX 1

| Models: | | | | |
|--|--------------------|------------------------------------|--------------------|------------------------------------|
| Models: | START 15 IS | START 25 KIS RLT 25 KIS | START 25 IS | START 30 KIS RLT 30 KIS |
| η_{100} | 96,7 % | 97,0 % | 97,0 % | 97,3 % |
| η_{30} | 109,6 % | 109,3 % | 109,3 % | 109,0 % |
| η_4 | 87,1 % | 87,3 % | 87,3 % | 87,6 % |
| η_1 | 98,7 % | 98,5 % | 98,5 % | 98,2 % |
| P_4 | 14,5 kW | 19,4 kW | 19,4 kW | 24,4 kW |
| P_1 | 4,9 kW | 6,5 kW | 6,5 kW | 8,2 kW |
| C.Heater | No ⁽¹⁾ | Yes | No ⁽¹⁾ | Yes |
| B ₁ Boiler | No | No | No | No |
| Type of boiler: | Condensing | Condensing | Condensing | Condensing |
| Range Rated? | No | Yes | Yes | Yes |
| ⁽¹⁾ models designed for heating only but with the possibility of combining a remote storage tank (the boiler does not have the sanitary circuit but keeps the three-way valve and the connections for the remote storage tank). | | | | |

Note: η_{100} = At rated heat output and high-temperature regime - NCV (*) - EN 15502-1:2021, clause 9.4.3: "the useful efficiency in % at nominal heat input Q_n or for range rated boilers at the arithmetic mean of the maximum and minimum heat input Q_a "
 η_{30} = At 30 % of rated heat output and low-temperature regime - NCV (**) - EN 15052-1:2021, clause 9.4.3: "the useful efficiency in % at 30 % of the nominal heat input Q_n or for range rated boilers at 30 % of the arithmetic mean of the maximum and minimum heat input Q_a "
 η_4 = At rated heat output and high-temperature regime (*)
 η_1 = At 30 % of rated heat output and low-temperature regime (**)
 P_4 = At rated heat output and high-temperature regime (*)
 P_1 = At 30 % of rated heat output and low-temperature regime (**)
 C.Heater = Combination Heater (Yes = with domestic hot water production / No = Heating system only)
 B1 Boiler = B1 according CEN/TR 1749:2014
 Type of boiler: "Condensing Boiler" or "Low Temperature Boiler" or "Other Boiler"

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(**) Low temp. means for condensing boilers 30 °C, for low-temp. boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

REVISION AND COMMENTS

| DD/MM/YYYY | AMENDED BY | PRJ NO. | REPORT NO. | REASON FOR REVISION |
|-------------------|-------------------|----------------|-------------------------|--|
| 27/07/2021 | G. Baiocco | 29504 | 200028897UDI-GCE-RCE-R1 | R0: First issue |
| 28/10/2021 | M.A. Gandin | 31649 | 200028897UDI-GCE-RCE-R2 | R1: Introduction of new model START 15 IS |
| 29/02/2024 | M.A. Gandin | 40036 | 200028897UDI-GCE-RCE-R9 | R2: Introduction of new models RLT 25 KIS and RLT 30 KIS |